

FIG. 1

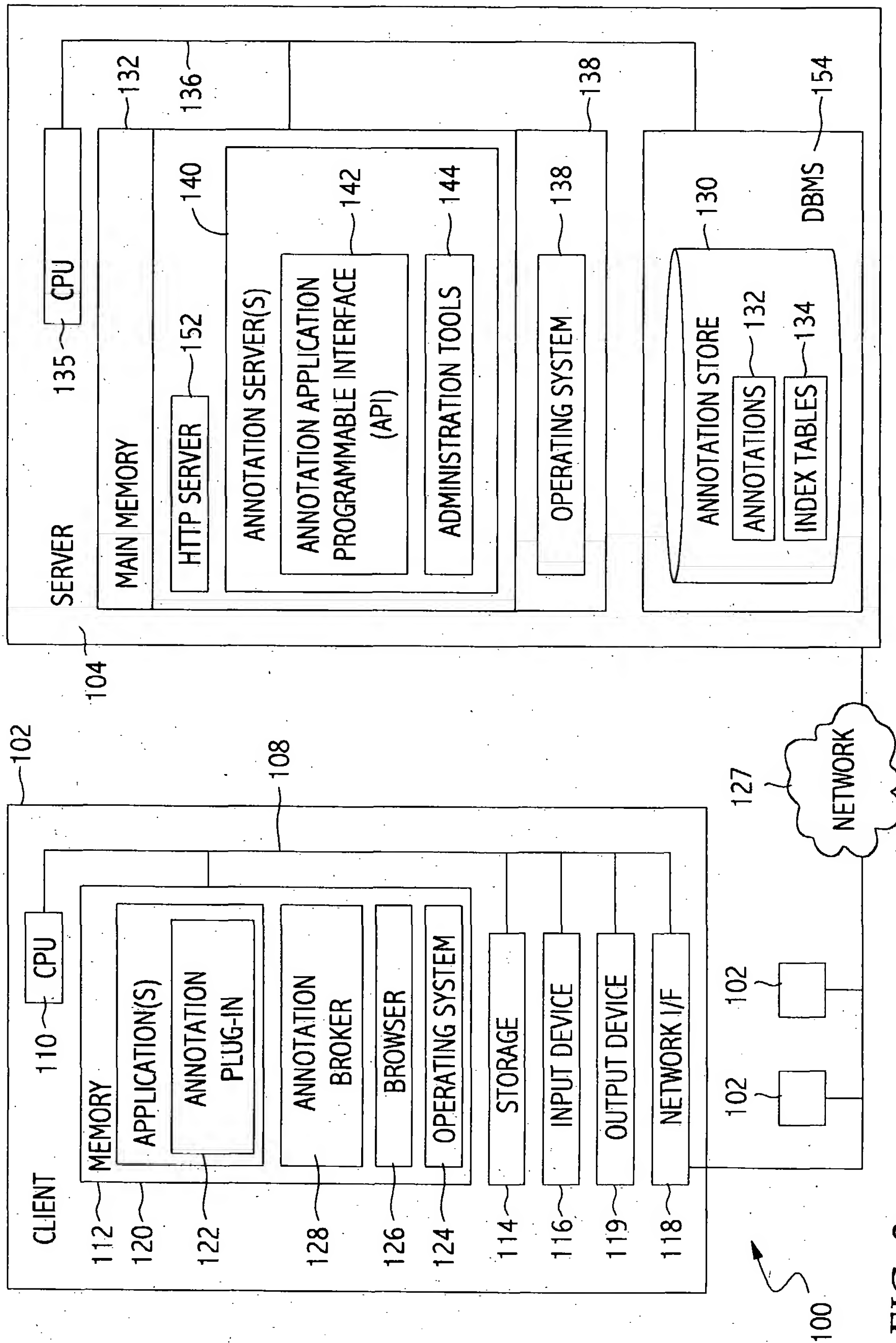


FIG. 2

3/28

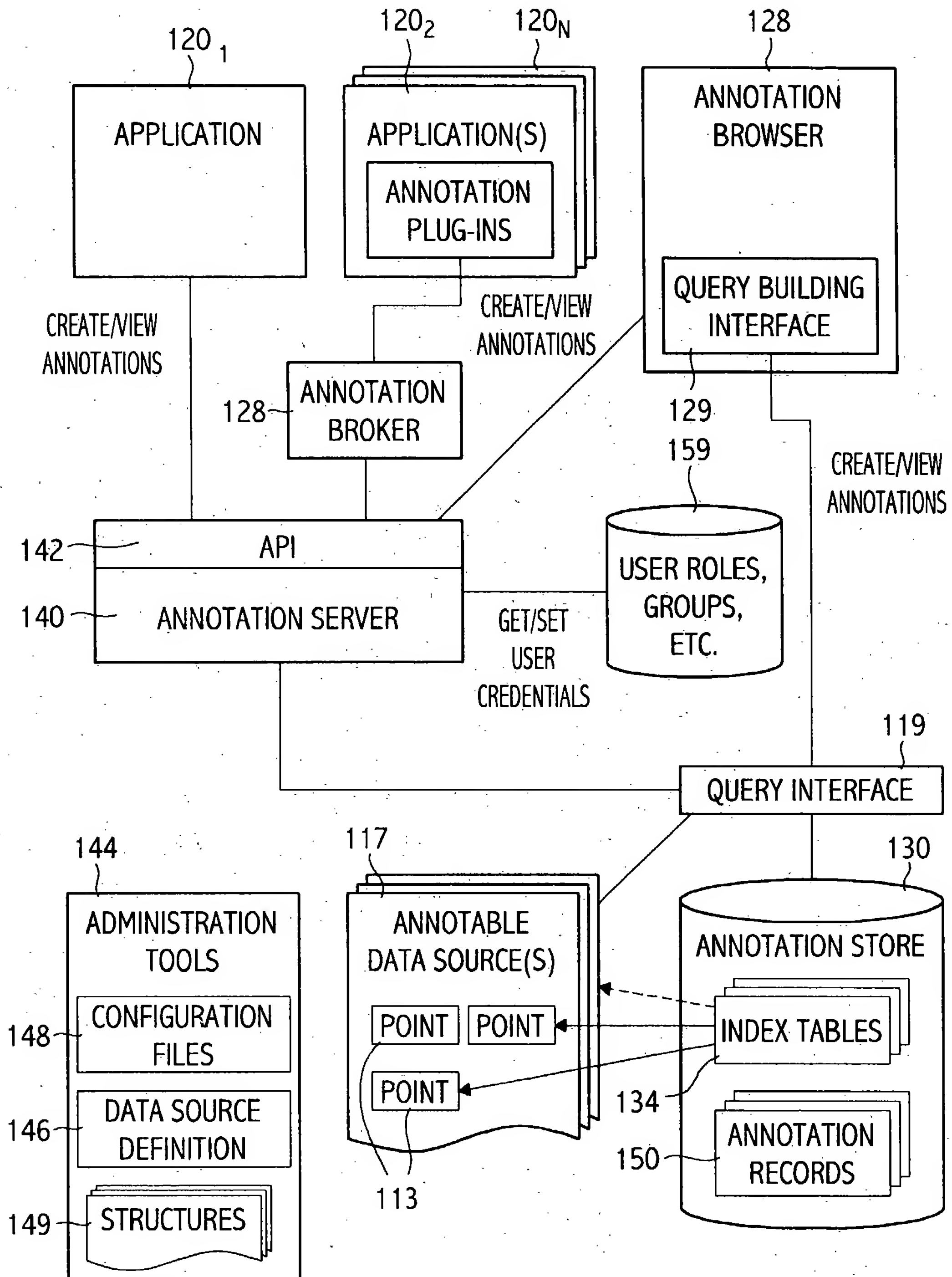


FIG. 3A

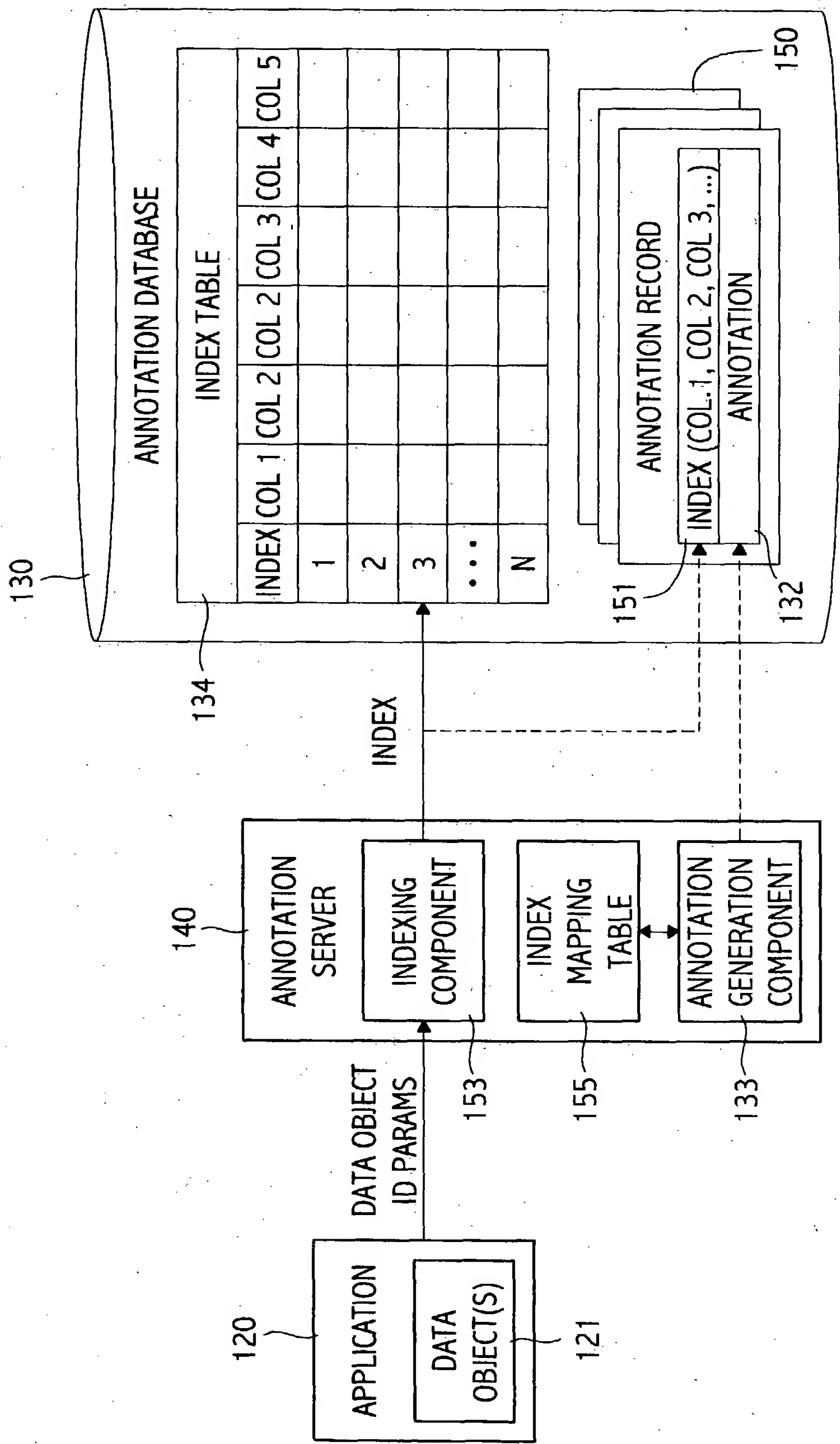


FIG. 3B

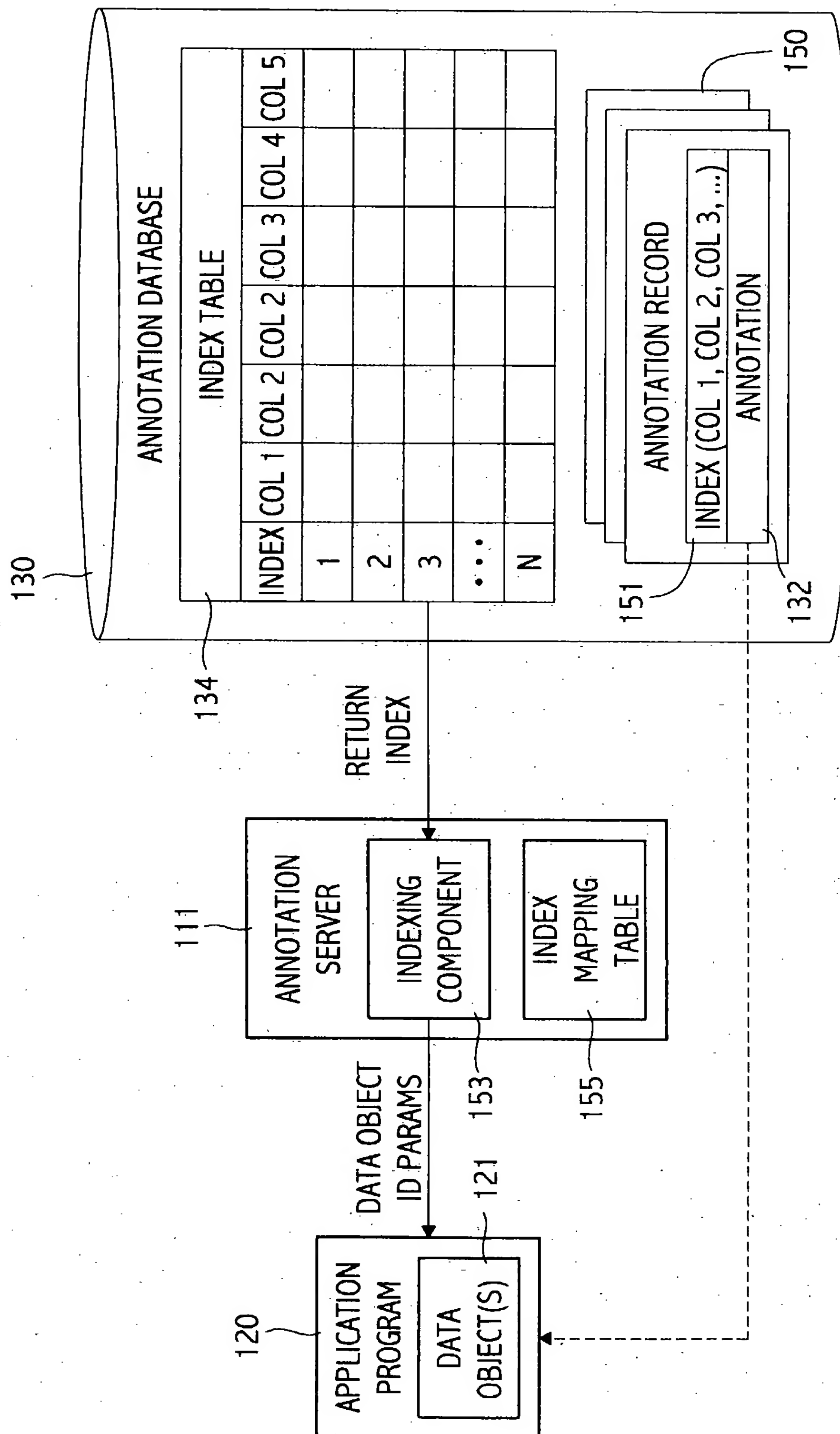


FIG. 3C

API FUNCTION	DESCRIPTION
QueryRoles	Get a list of roles for the user.
SetRole	Set the active set of roles for the session.
Query Structure Names	Given the data source type and subtype of the target documents and all of the points in those documents the user wants to annotate, return the list of available structures.
QueryStructureTransforms	Given an annotation type returned from QueryStructureNames API, return an array of URLs to XSL transforms.
QueryPoints	Given a GUID, and list of DataSourceVersions, return a list of data sources and the points in the data sources.
QueryAnnotationIDS	Given a list of search criteria, return an array of annotation GUIDs that match the criteria.
GetAnnotation	Return the annotation data for a given GUID.
CreateAnnotation	Create a new annotation with provided data and access control information.
UpdateAnnotation	Replace specific fields in an annotation which results in a new version of the annotation.
DeleteAnnotation	Delete (or hide) the specified annotation.
AddPoint	Take an existing Annotation and add a new annotated point to it.
DeletePoint	Delete a point from an annotation.
QueryAllowedPointTypes	Return the allowed point types and subtypes given a data source type and subtype.
QueryDataSourceSubtypes	Return the configured data source subtypes given a data source type.

FIG. 3D

7/28

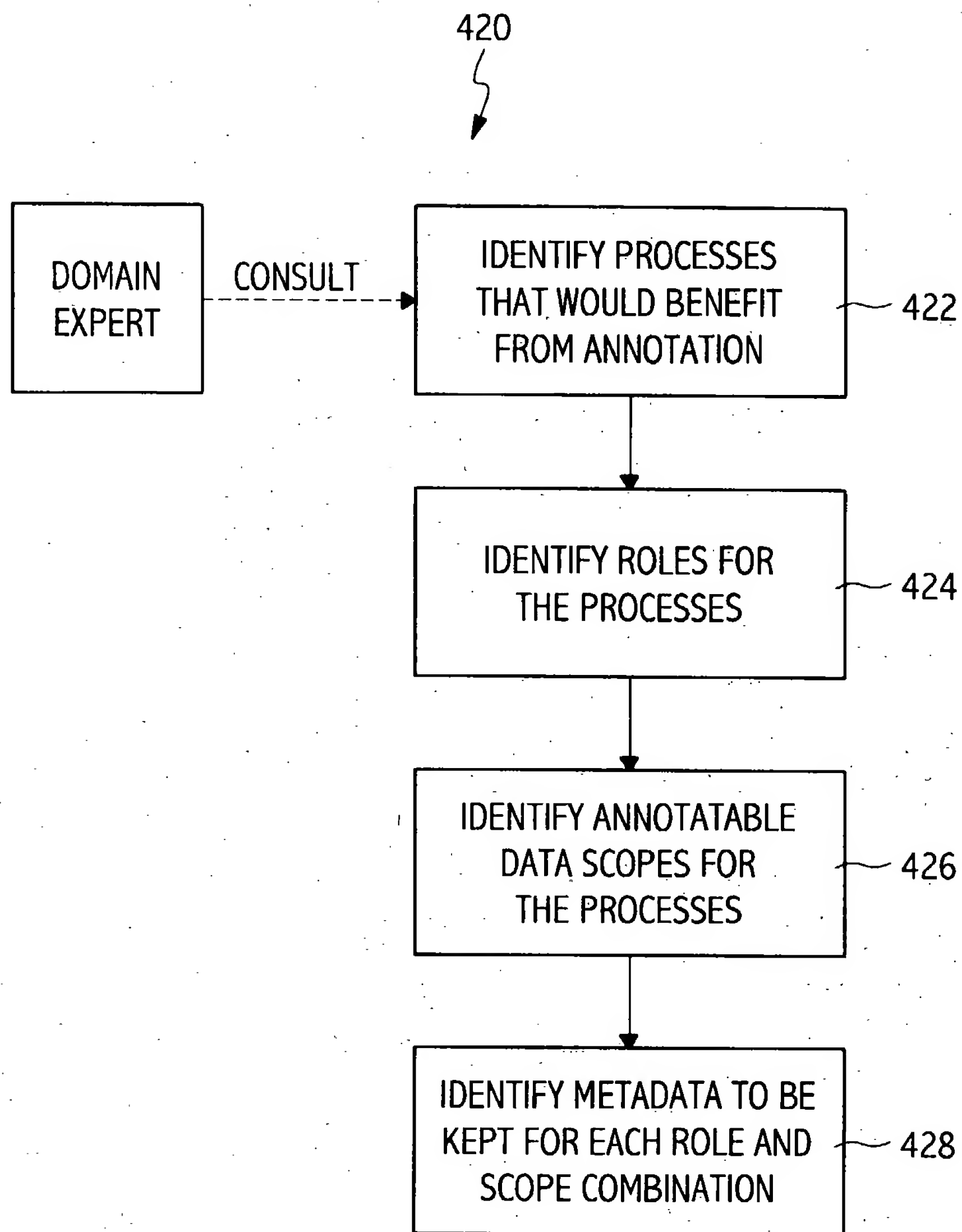


FIG. 4A

440

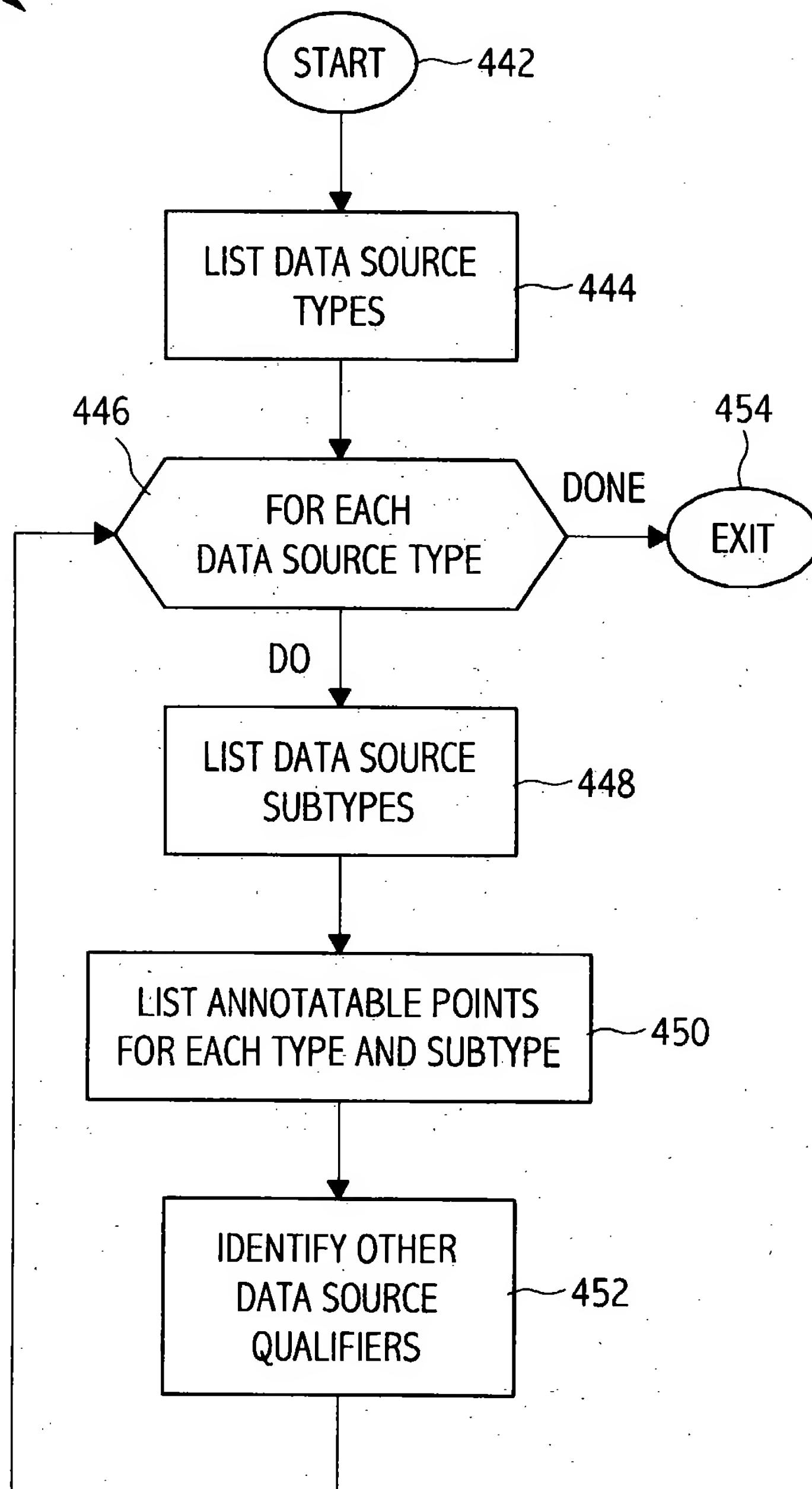


FIG. 4B

Data Source Type	Point Type	Meta Information
Relational (and Excel)	Table	Table Name
	Column	Table Name, Column Name
	Cell	Table Name, Key, Column Name
	Row	Table Name, Key
	Document	Path
Word Document/HTML file	Word Range	Path, Start character, End character
	Spot	Context, View, Marked Record, Column
	Cluster	Context, View, Marked Record, Column
	Row	Context, View, Marked Record
	Column	Context, View, Column
Pdf (requires Adobe Framemaker)	File	Context, View
	Text	Page, Start word, End word, Start of set, End of set
	Graphic	Page, Top, Left, Bottom, Right

FIG. 4C

10/28

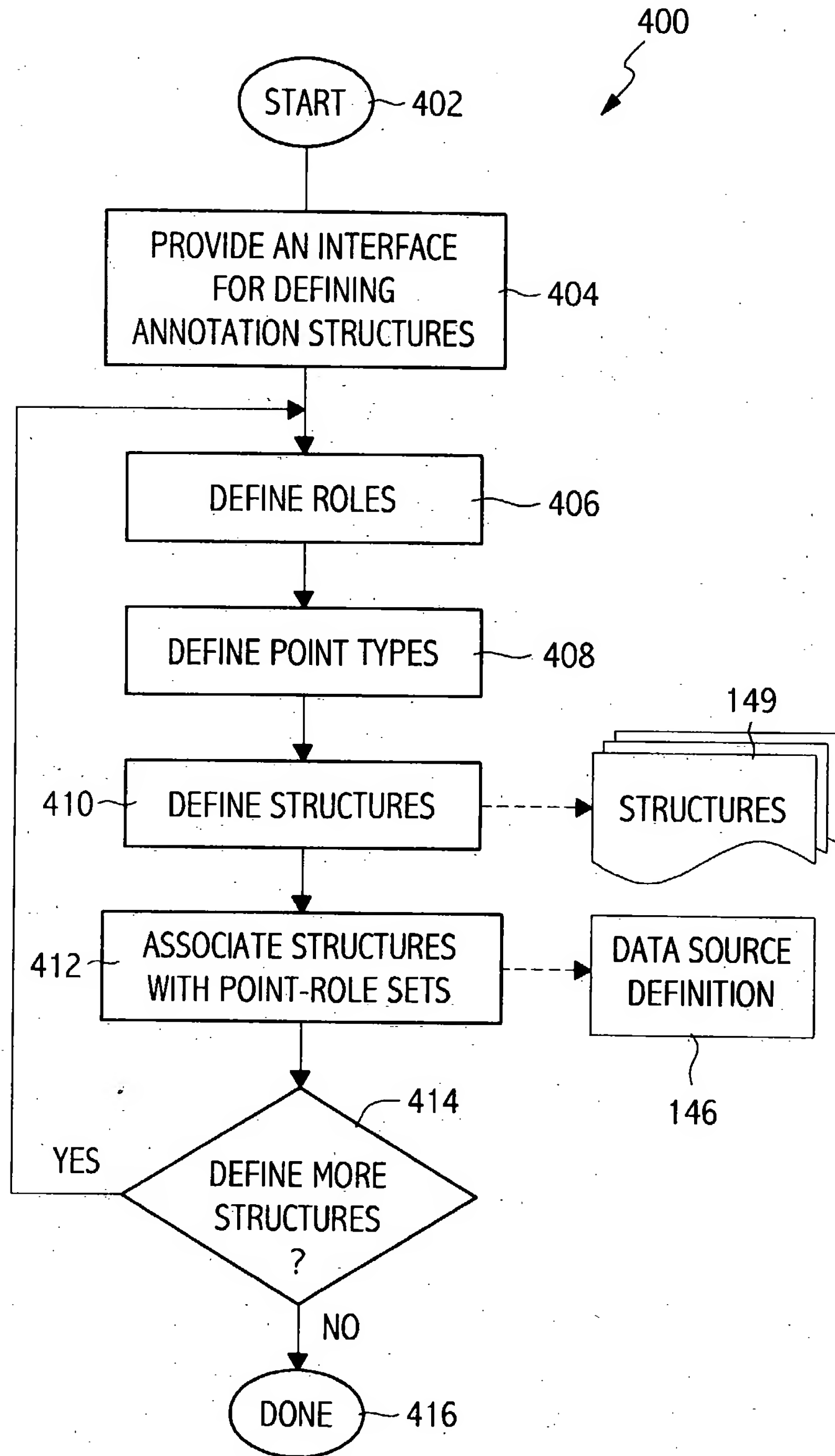


FIG. 4D

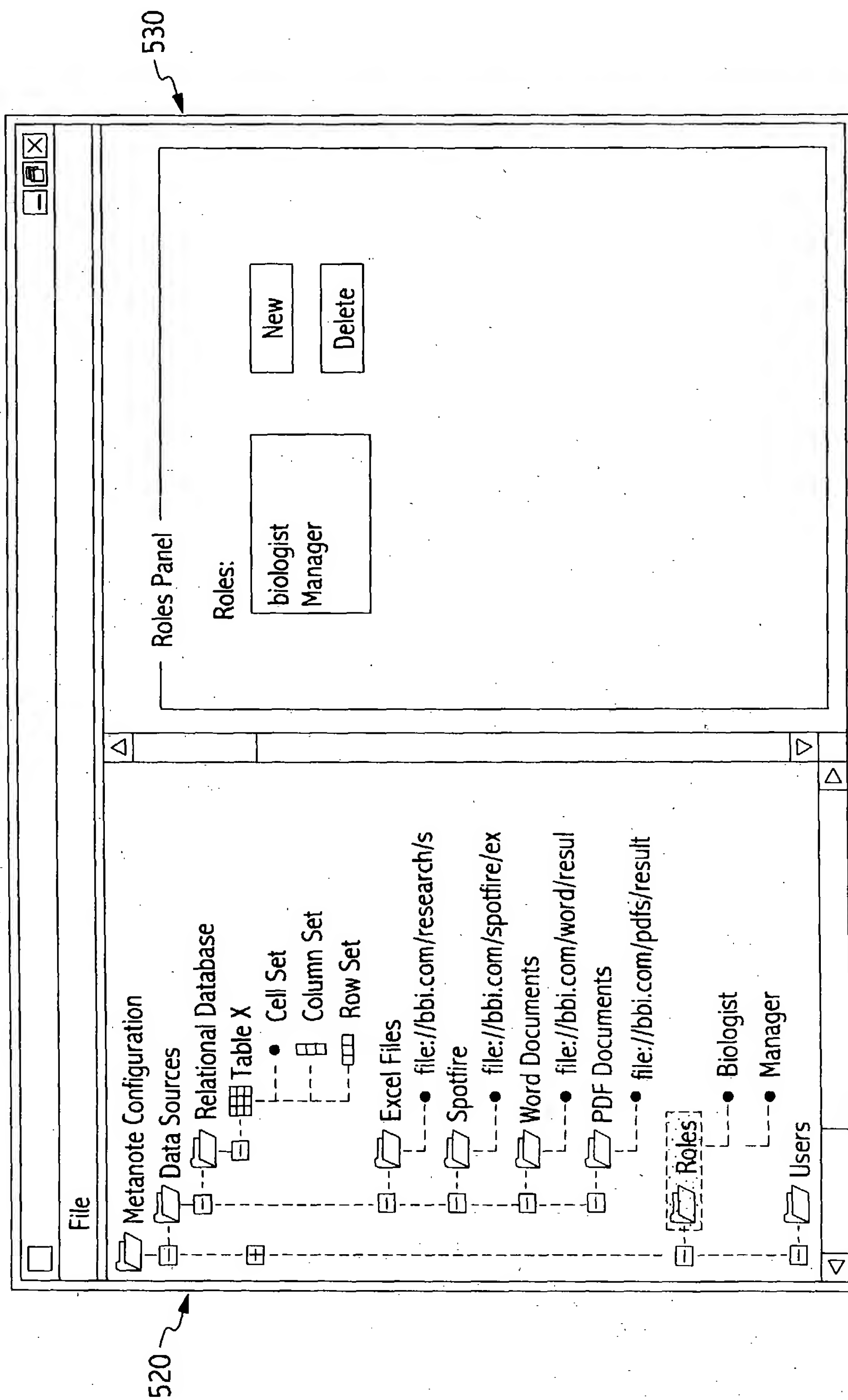


FIG. 5A

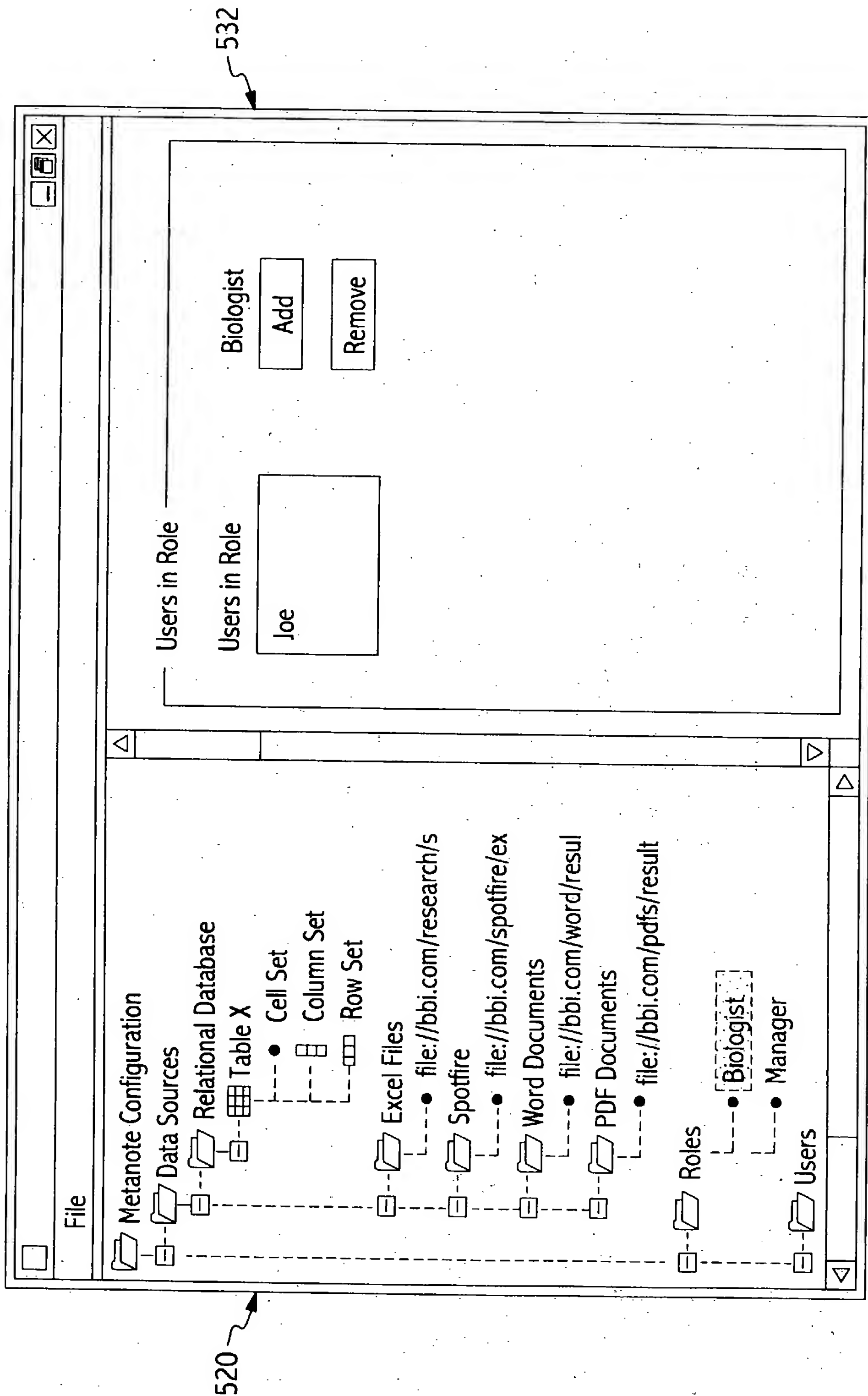


FIG. 5B

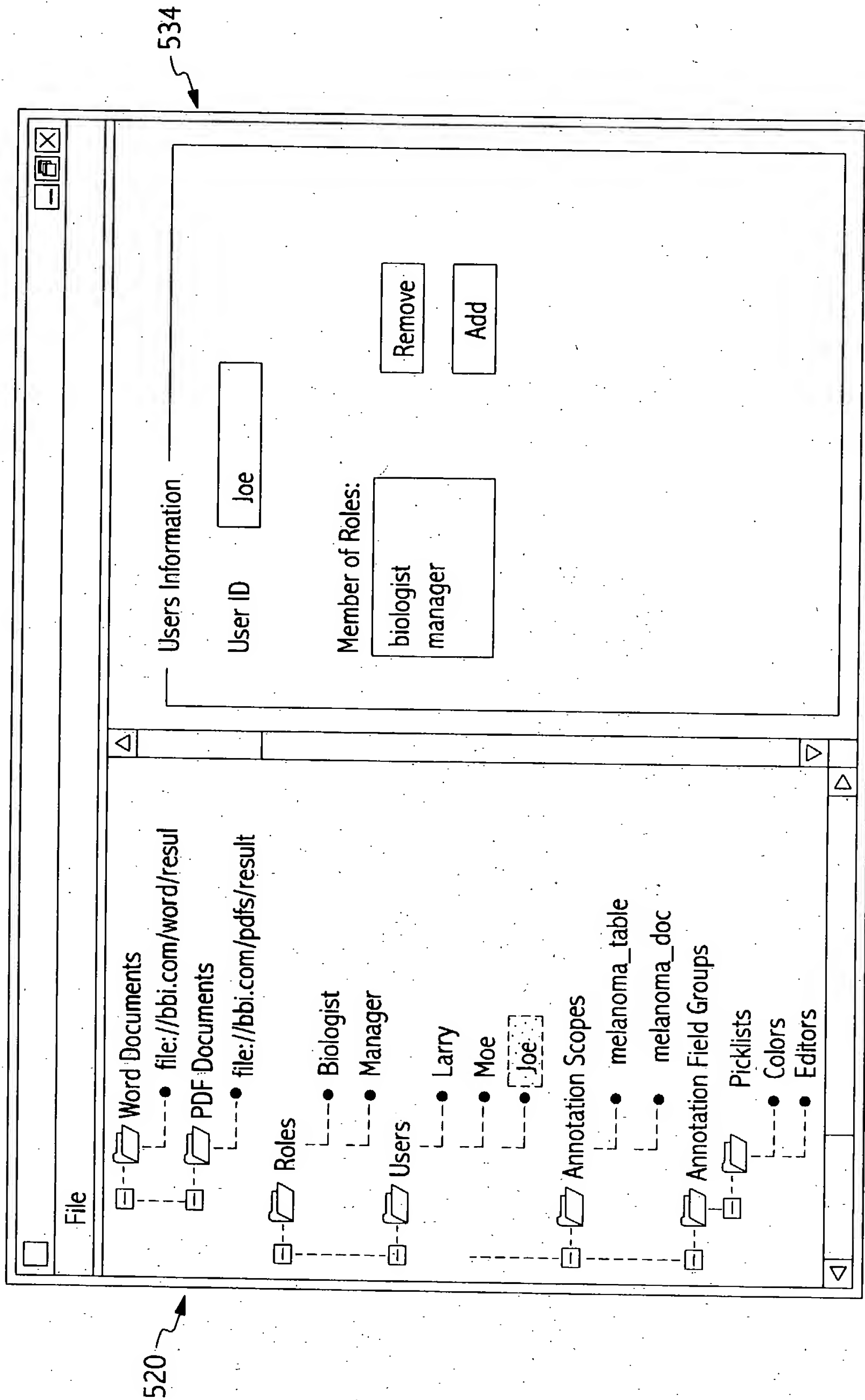


FIG. 5C

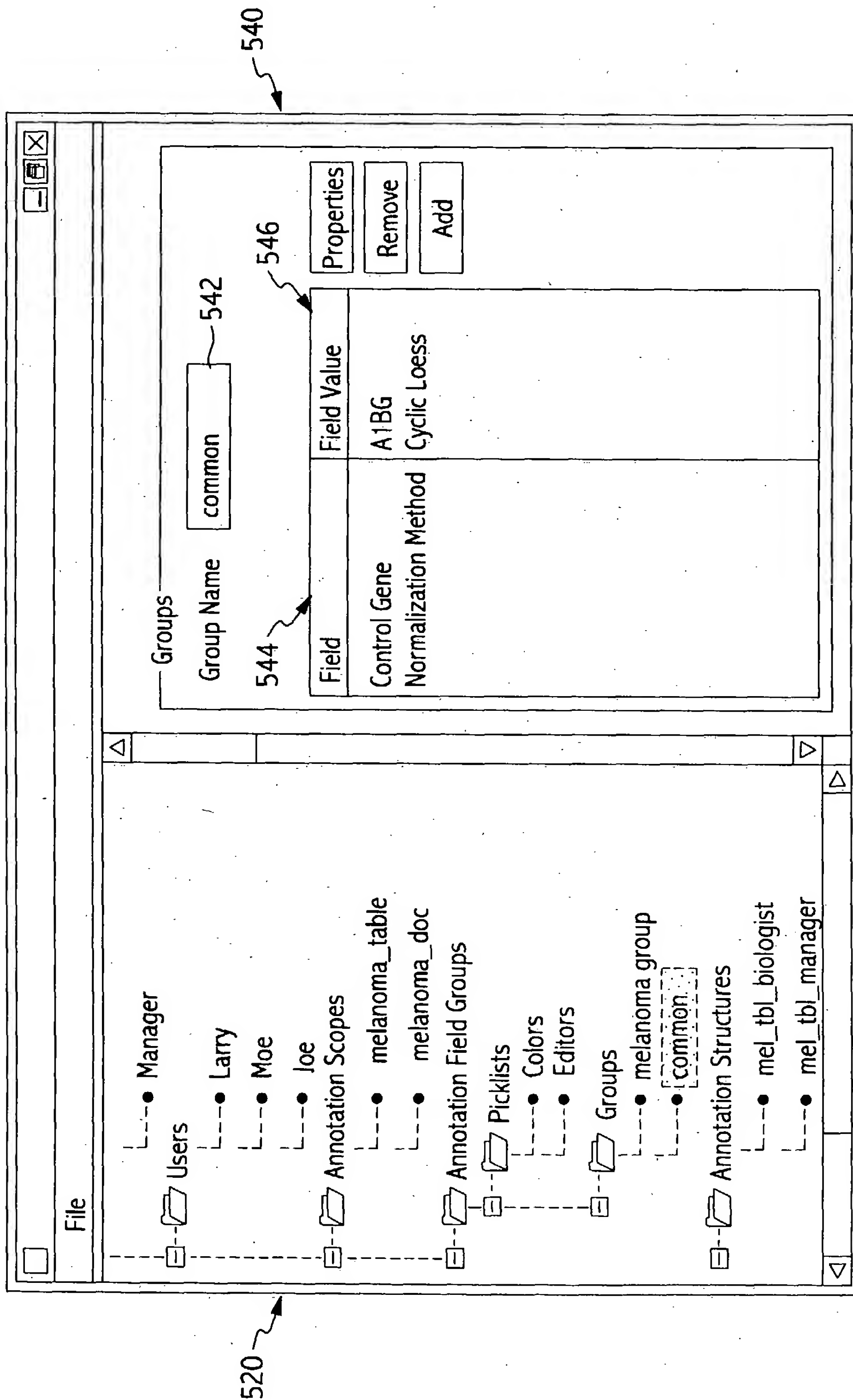


FIG. 5D

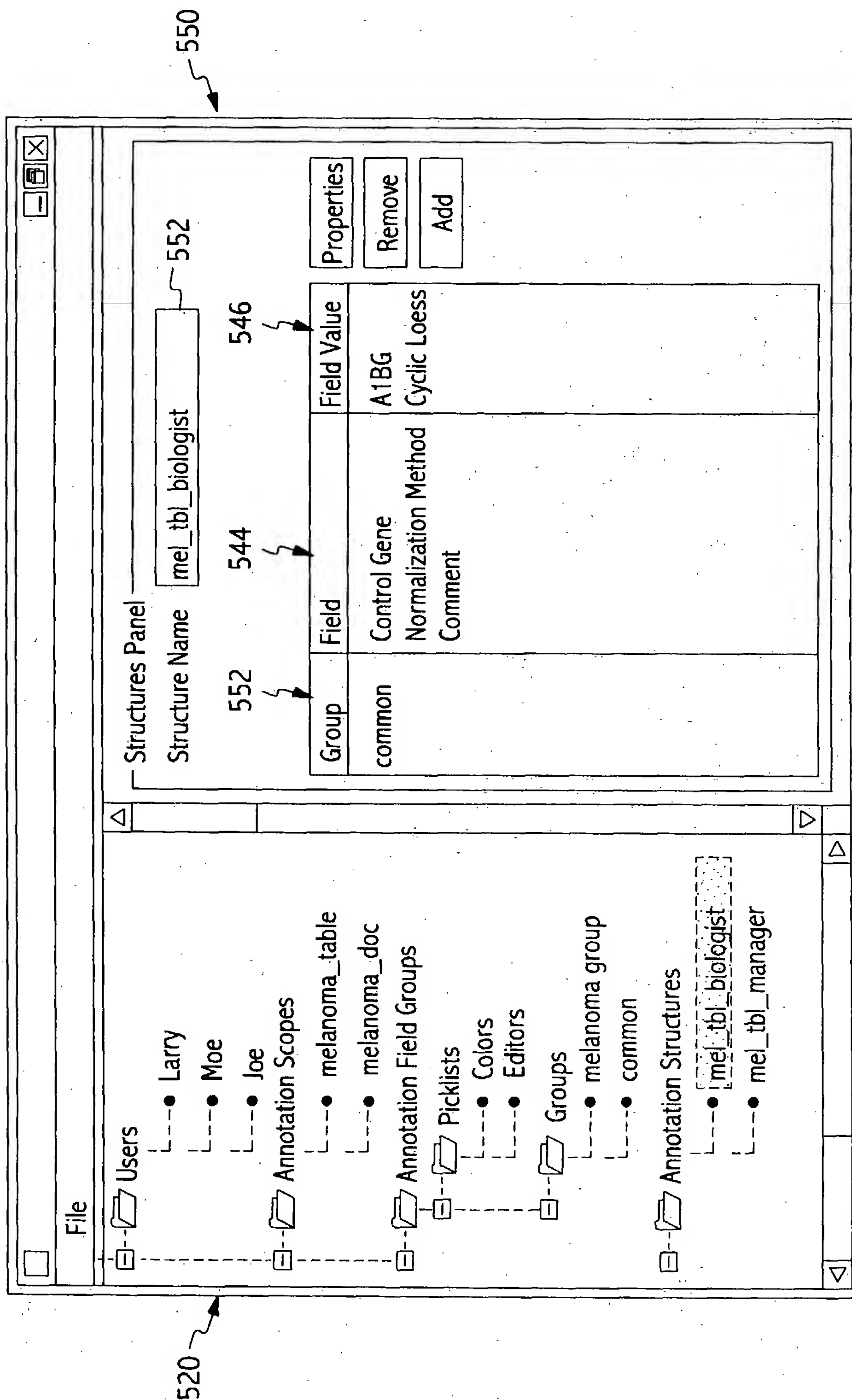


FIG. 5E

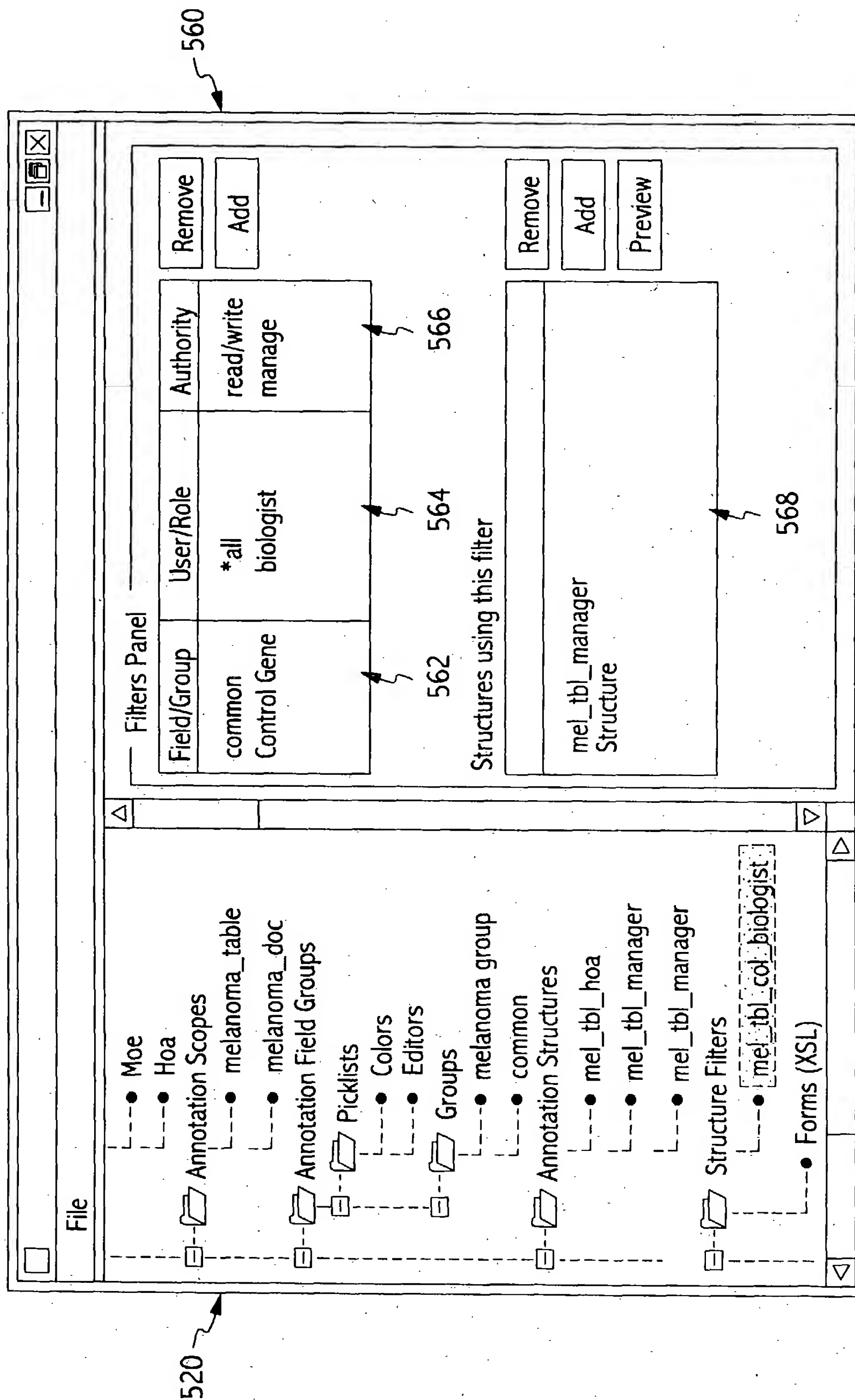


FIG. 5F

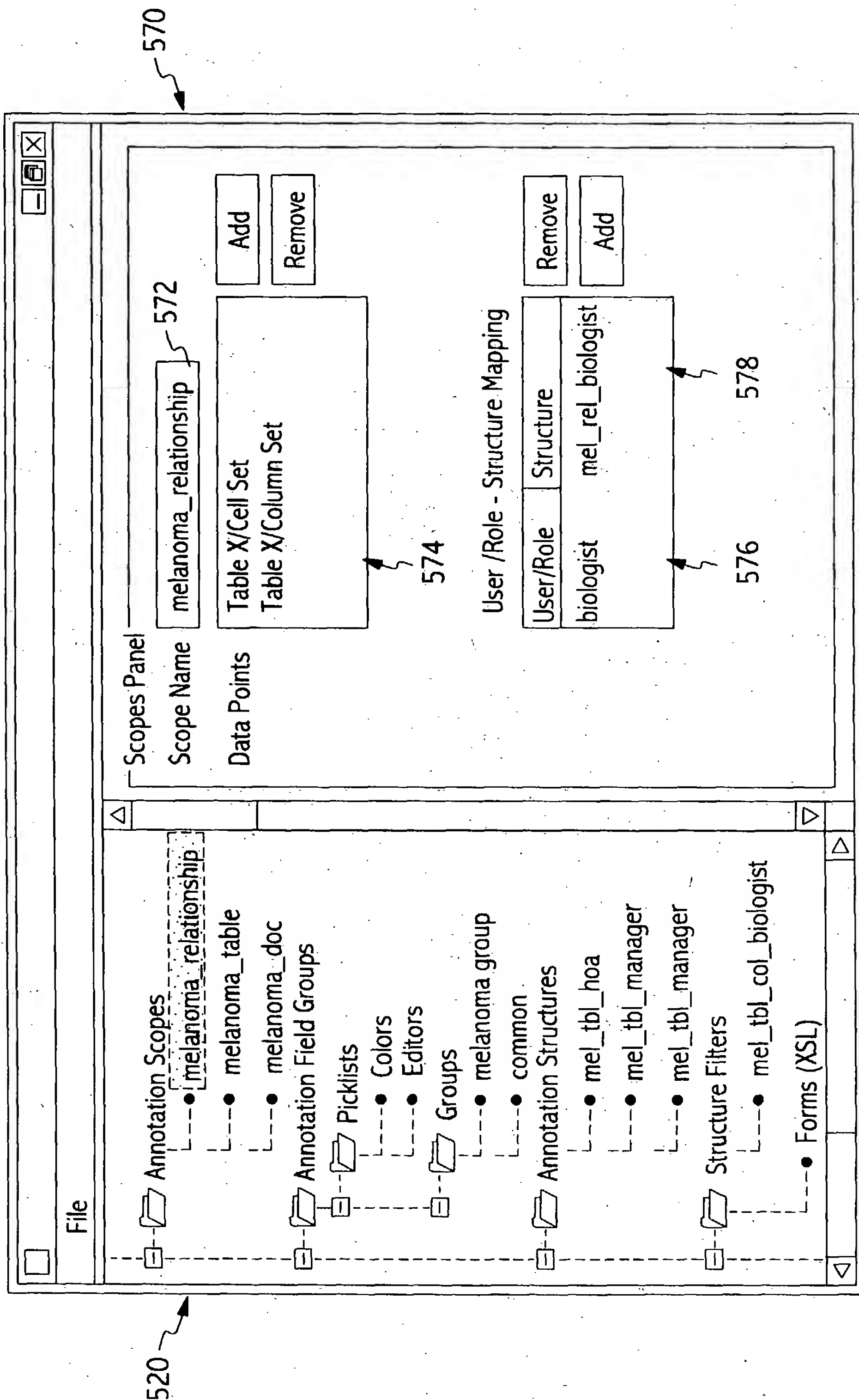


FIG. 5G

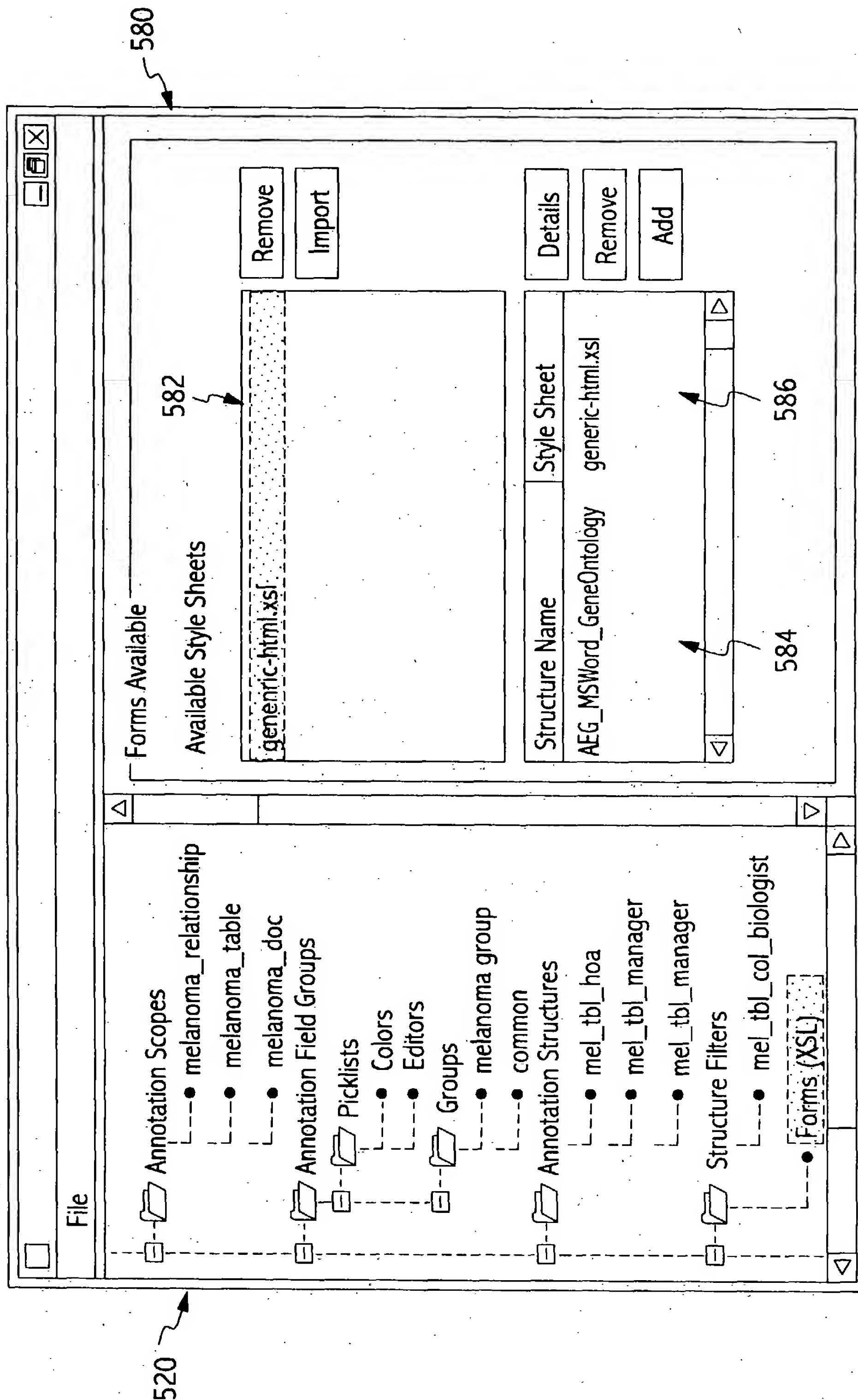


FIG. 5H

19/28

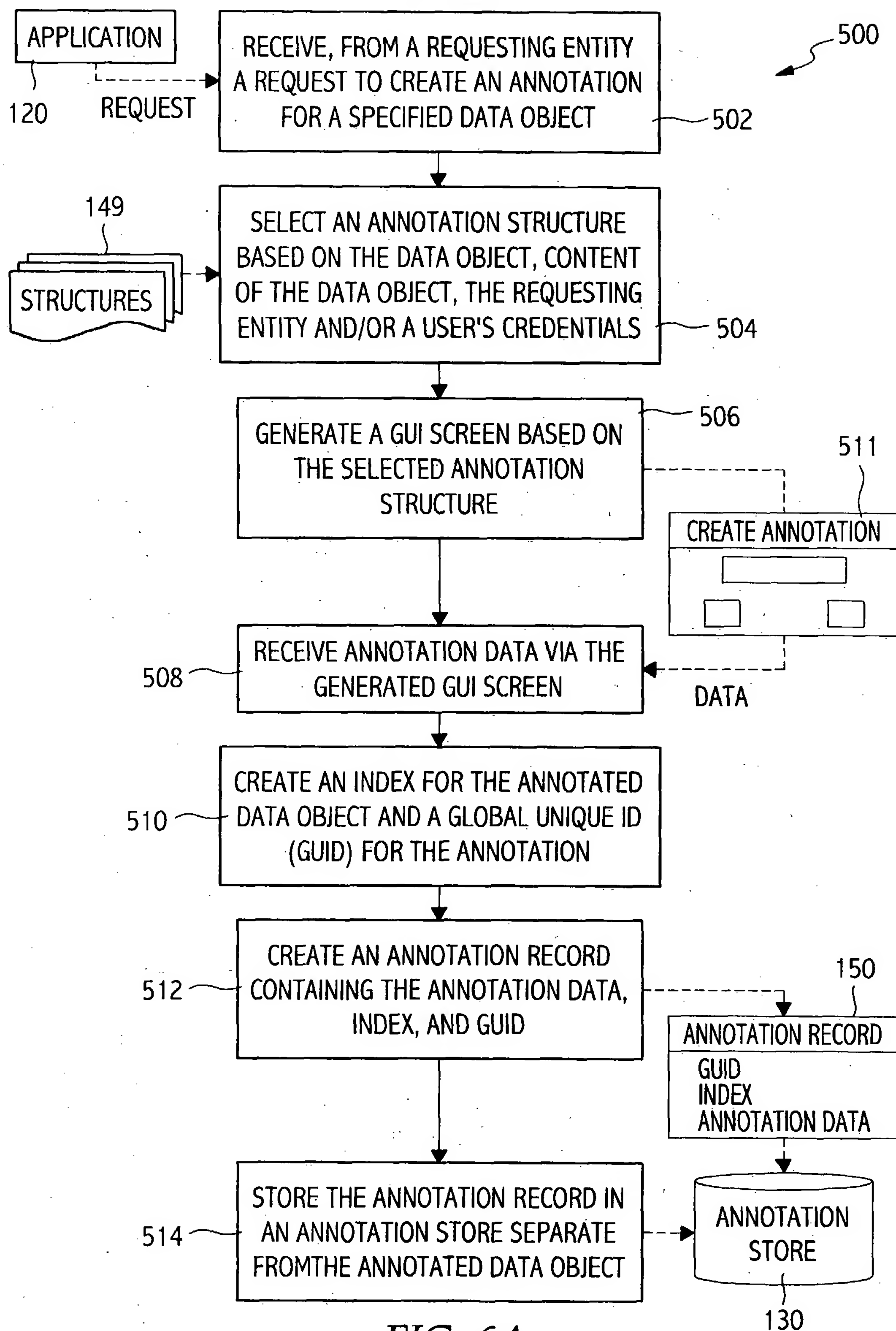


FIG. 6A

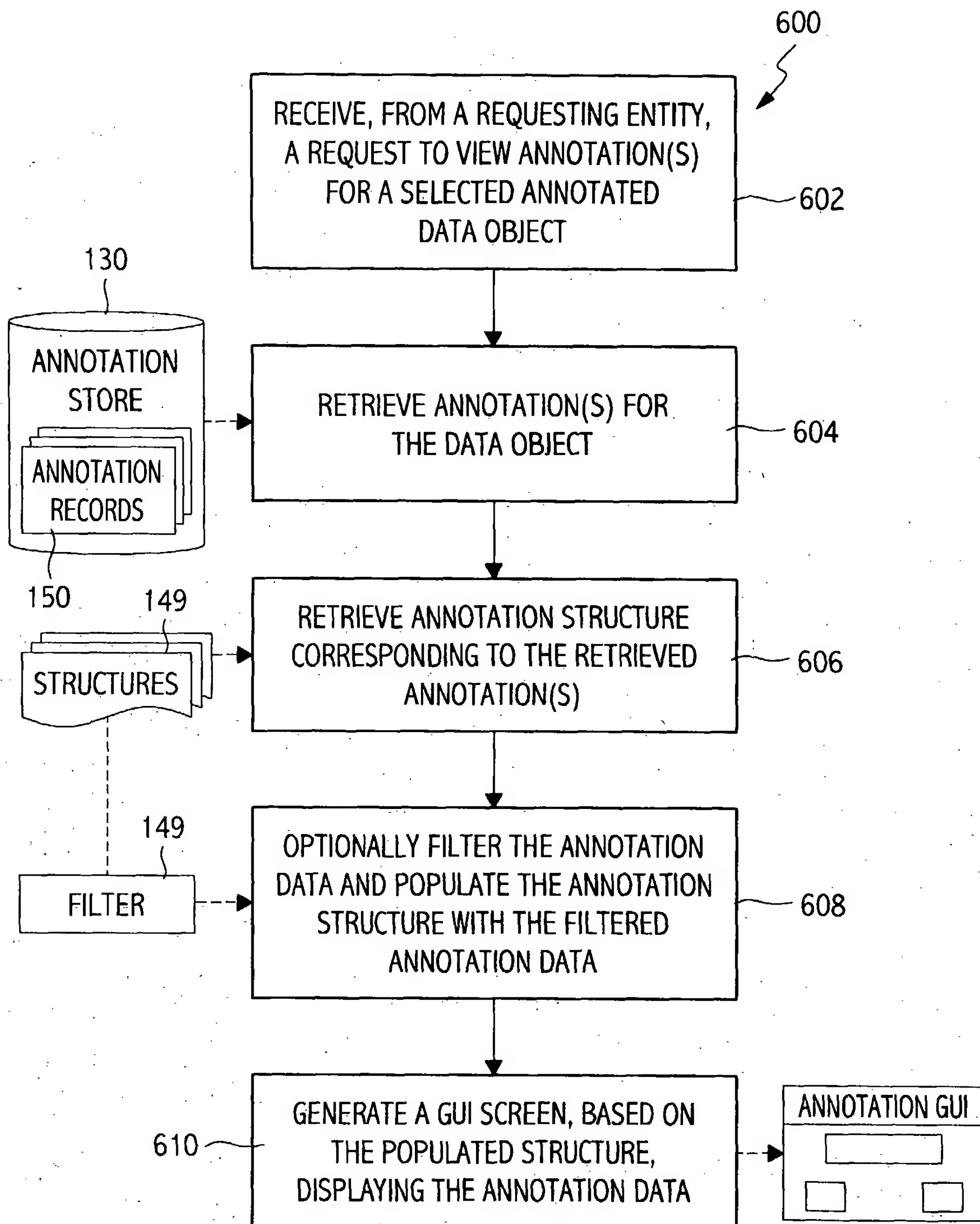


FIG. 6B

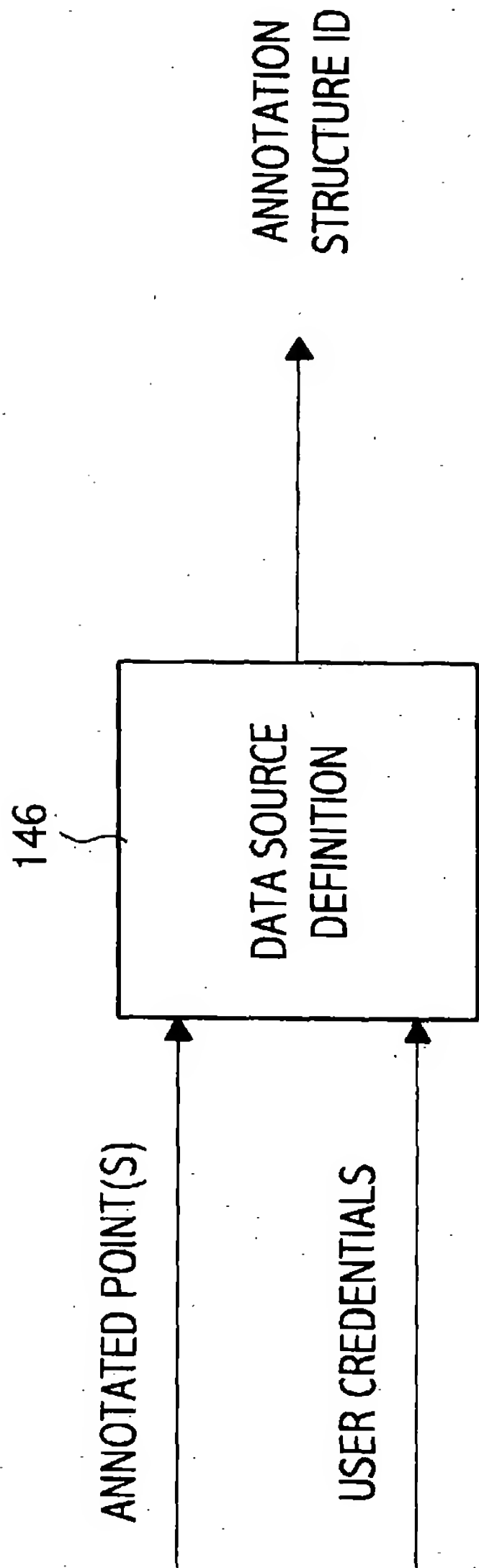


FIG. 7A

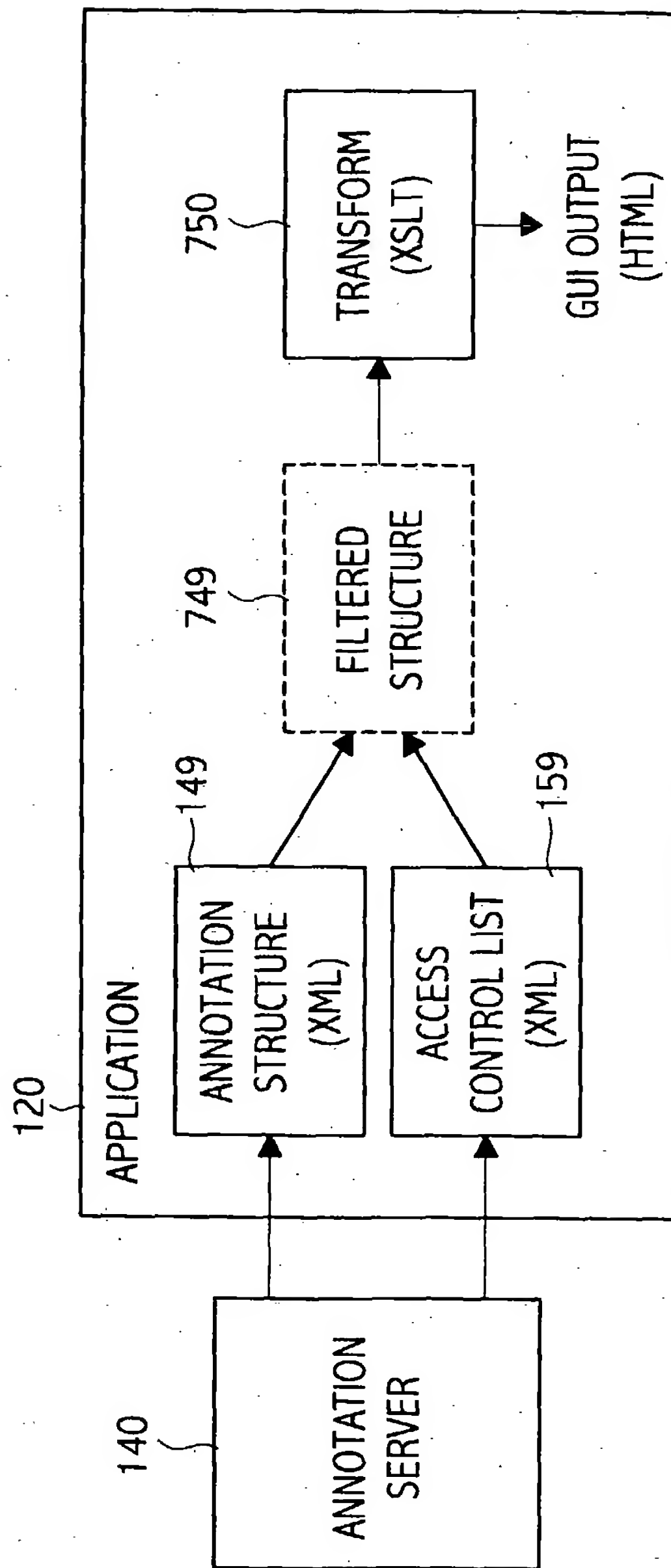


FIG. 7B

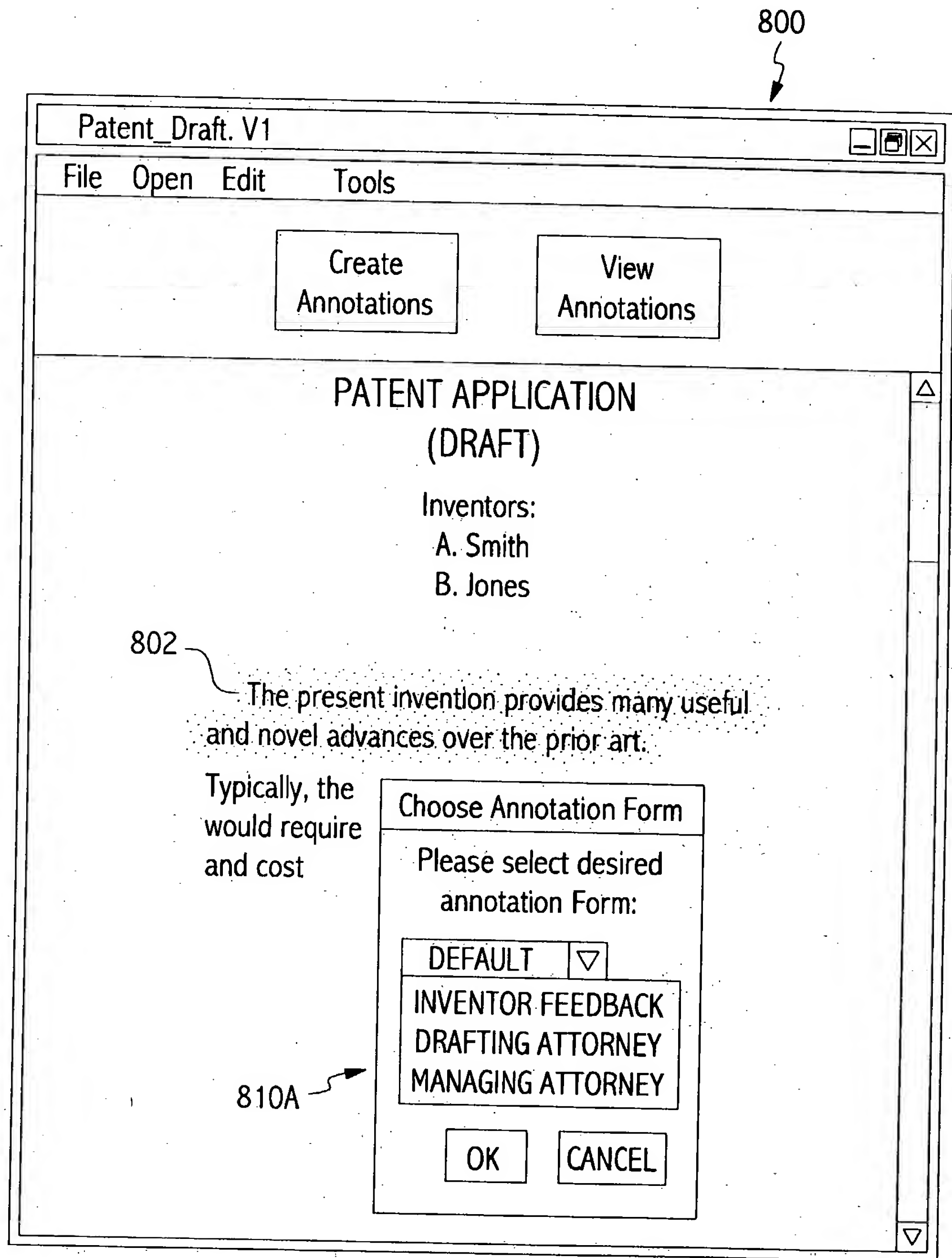


FIG. 8A

Patent_Draft. V1

FORM:

DEFAULT DATA OR DESCRIPTION:

Quality: ☐ Good ☐ Acceptable ☒ Marginal ☐ Poor

Keywords:

Comments:

810B

812B

814B

FIG. 8B

Patent_Draft. V1

FORM:

DEADLINE 01/01/01

FEEDBACK

Status: ☐ Good ☒ Acceptable ☐ Needs Revision ☐ Needs More Info

Patent Attorney: C. Moore

Inventor: A. Smith

Inventor Comments:

810C

812C

814C

FIG. 8C

Annotation Portal

File

Edit

View

Favorites

Tools

Help

breast cancer	using microarrays to study breast cancer cell lines for the purpose of target identification	2m
colon cancer	using microarrays to study colon cancer cell lines for the purpose of target identification	2m
leukemia	using microarrays to study leukemia cell lines for the purpose of target identification	2m

Annotation Portal

Annotations

Form: Project Status

Annotation On:

Colon Cancer

Made By:

Bob Coleman

On:

Jan. 1, 2002

Experiment Set ID:

ED01

Revision To Experiment Scope:

None

Revision To Experiment Deadline:

None

Team Deliverable:

The number of targets are unchanged. However we now

Revision To Project Budget:

None

Project Status:

☒ Green
☐ Yellow
☐ Red

FIG. 9A

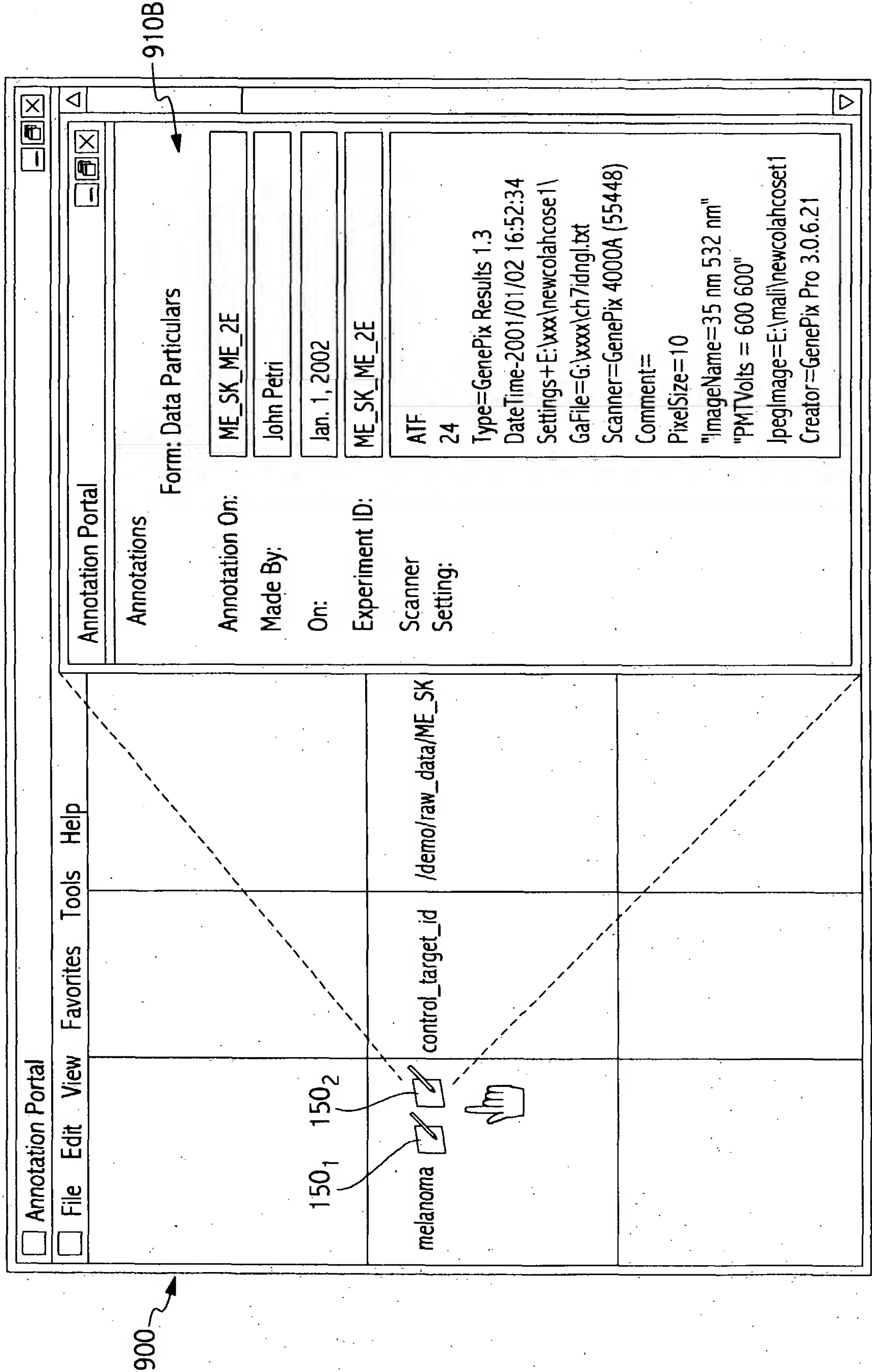


FIG. 9B

1040

Annotation Portal

File

Edit

View

Favorites

Tools

Help

Home

Welcome

Annotation Rules

Annotation Browser

User: 1bata

Search: Unnamed

SEARCH CONDITIONS

ACTION

Delete

NOT

☐

(PROJECT_NAME = target_identification-01)

1042

Delete

AND

☐

(Spotfire Row Relevance of Observation = Extremely High)

1044

Add Condition

Group

Ungroup

Apply

Reset

OUTPUT

Change Data

Change Format

SEARCH

Run

Save

Show Query

Cancel

FIG. 10A

1000

☐ Annotation Portal

☐ File Edit View Favorites Tools Help

Home ▾

Welcome

Annotation Rules

Annotation Browser

User: 1bata

Search: Unnamed

ADD A SEARCH CONDITION

SEARCHABLE DATA FIELDS

☐ Project PROJECT_ID ▾

☐ Column Name PROJECT_ID ▾

☐ Experiment EXPT_SET_NAME ▾

☐ experiment_set EXPT_SET_ID ▾

☐ data_sets PROCESS_ID ▾

SEARCHABLE ANNOTATION FIELDS

☐ Annotation Link ID ▾

☐ Annotation Data GUID ▾

☐ Suggested Analysis Methods Key ▾

☐ Reference Data Key ▾

☐ Keyword Data Key ▾

Next Cancel

FIG. 10B

1000

☐ Annotation Portal

☐ File Edit View Favorites Tools Help

Home

Welcome

Annotation Rules

Annotation Browser
 User: 1bata
 Search: Unnamed

ADD A SEARCH CONDITION

SEARCHABLE DATA FIELDS

☐ Project

PROJECT_ID

☐ Column Name

PROJECT_ID

☐ Experiment

EXPT_SET_NAME

☐ experiment_set

EXPT_SET_ID

☐ data_sets

PROCESS_ID

SEARCHABLE ANNOTATION FIELDS

☐ Annotation

Link ID

☒ Annotation Data

GUID

Describe Gene

Functional Theme in Cluster

Spotfire Row Relevance of Observation

Spotfire Row Comments

Observation

Spotfire Row Relevance of Observation

☐ Suggested Analysis Methods

☐ Reference Data

☐ Keyword Data

Next

Cancel

FIG. 10C